

IN THE CLAIMS

Claims 1-43 (Cancelled).

Claim 44 (Currently Amended): An image-capturing device comprising:
image-capturing means installed inside a vehicle at a position to capture an image outside the vehicle through a window; [[and]]
direction setting means for setting an image-capturing direction of said image-capturing means ~~in a monitor mode for monitoring a building for security of the building;~~
detection means for detecting an object outside the vehicle; and
power supply control means for prohibiting power supply to said image-capturing means when the object outside the vehicle is not detected by said detection means, and for allowing power supply to said image-capturing means when the object outside the vehicle is detected by said detection means.

Claim 45 (Cancelled)

Claim 46 (Currently Amended): An image-capturing device according to claim [[45]] 44, further comprising:

direction control means for controlling the image-capturing direction of said image-capturing means when the vehicle is in a first usage mode, and for controlling the image-capturing direction to be a direction set by said direction setting means when the vehicle is in a second usage mode, [and]

wherein,

when said detection means detects a moving object, said direction control means controls the image-capturing direction of said image-capturing means so that the object is traced.

Claim 47 (Currently Amended): ~~An image-capturing device according to claim 45, further comprising:~~ An image-capturing device comprising:

image-capturing means installed inside a vehicle at a position to capture an image outside the vehicle through a window;

direction setting means for setting an image-capturing direction of said image-capturing means;

detection means for detecting an object outside the vehicle;
power supply control; and
a battery for supplying power to said image-capturing means,
wherein,
when the remaining amount of power from said battery is smaller than a reference value, said power supply control means replaces said battery with power from a battery of the vehicle to supply power.

Claim 48 (Previously Presented): An image-capturing device according to claim 44, further comprising:

transmission means for transmitting an image captured by said image-capturing means; and

transmission-destination setting means for setting a transmission destination of the image captured by said image-capturing means to a first display device disposed inside the vehicle when the vehicle is in a first usage mode, and for setting the transmission destination to be a second display device disposed outside the vehicle when the vehicle is in a second usage mode.

Claim 49 (Currently Amended): An image-capturing device according to claim 44, further comprising:

determining means for determining whether the vehicle is in a first usage mode in which the vehicle is reversed or in a second usage mode in which the vehicle is not used; and
transmission means for transmitting an image captured by said image-capturing means[[:]],

wherein

said determining means determines whether the vehicle is in the first mode or in the second mode based on the status of an engine key and the status of a transmission gear of the vehicle.

Claim 50 (Currently Amended): An image-capturing method for an image-capturing apparatus which comprises image-capturing means installed inside a vehicle at a position to capture an image outside the vehicle through a window, said image-capturing method comprising:

~~a direction setting step of~~ setting an image-capturing direction of said image-capturing

means towards a building [[and]];

~~a monitoring step for monitoring the building for the security of the building~~[[.]];

detecting an object outside the vehicle;

prohibiting delivery of power when the object outside the vehicle is not detected; and

allowing delivery of power when the object outside the vehicle is detected.

Claim 51 (Currently Amended): A computer-readable recording medium encoded with computer-executable instructions for an image-capturing device which comprises image-capturing means installed inside a vehicle for monitoring a building at a position to capture an image of the building outside the vehicle through a window is recorded, said computer executable instructions causing said image-capturing device to monitor the building, said computer executable instructions comprising:

~~a direction-setting step of setting an image-capturing direction of said image-capturing means towards the building~~ [[and]];

~~a monitoring step for monitoring the building for security of the building~~[[.]];

detecting an object outside the vehicle; and

prohibiting delivery of power when the object outside the vehicle is not detected and allowing delivery of power when the object outside the vehicle is detected.

Claim 52 (Cancelled).

Claim 53 (Previously Presented): An image-capturing device according to claim 44, further comprising:

feature extracting means for extracting a feature of an object based on the image captured by said image-capturing means;

event determining means for obtaining the feature extracted by said feature extracting means so as to determine whether an event has occurred based on determination parameters;

display-data generating means for generating, when the occurrence of the event is determined by said event determining means, display data including event data for reporting the occurrence of the event; and

display-data transmitting means for transmitting the display data.

Claim 54 (Previously Presented): An image-capturing device according to claim 44, further comprising:

determining means for determining whether the vehicle is in a first usage mode in which the vehicle is reversed or in a second usage mode in which the vehicle is not used; and

direction control means for controlling the image capturing direction of said image capturing means to be a direction in the back of the vehicle when the vehicle is in the first usage mode, and for controlling the image-capturing direction to be a direction set by said direction setting means when the vehicle is in the second usage mode.

Claim 55 (Previously Presented): An image-capturing device according to claim 48, further comprising:

determining means for determining whether the vehicle is in a first usage mode in which the vehicle is reversed or in a second usage mode in which the vehicle is not used; and

direction control means to be a direction in the back of the vehicle when the vehicle is in the first usage mode, and for controlling the image-capturing direction to be a direction set by said direction setting means when the vehicle is in the second usage mode.

Claim 56 (Previously Presented): An image-capturing device according to claim 44 wherein the window is a rear window.

Claim 57 (Previously Presented): An image-capturing method according to claim 50 wherein the window is a rear window.

Claim 58 (Previously Presented): A computer-readable recording medium according to claim 51 wherein the window is a rear window.

Claim 59 (Cancelled).

Claim 60 (Currently Amended): An image-capturing method according to claim [[59]] 50, further comprising:

~~a direction control step for~~ controlling the image-capturing direction in a first direction when the vehicle is in a first usage mode, and for controlling the image-capturing direction in a second fashion when the vehicle is in a second usage mode, [[and]]

wherein,

when a moving object is detected, the image-capturing direction is controlled so that the object is traced.

Claim 61 (Currently Amended): ~~An image-capturing method according to claim 59~~
An image-capturing method for an image-capturing apparatus which comprises image-capturing means installed inside a vehicle at a position to capture an image outside the vehicle through a window, said image-capturing method comprising:

setting an image-capturing direction of said image-capturing means towards the building;

monitoring the building for security of the building;

detecting an object outside the vehicle; and

controlling the power supply,

wherein,

when the remaining amount of power from a battery supplying power for capturing images is smaller than a reference value, said battery is replaced with a battery of the vehicle to supply power.

Claim 62 (Currently Amended): An image-capturing method according to claim 50, further comprising:

~~a transmission step for~~ transmitting an image; [[and]]

~~a transmission-destination setting step for~~ setting a transmission destination of the captured image to a first display device disposed inside the vehicle when the vehicle is in a first usage mode[[,]] ; and [[for]]

setting the transmission destination to be a second display device disposed outside the vehicle when the vehicle is in a second usage mode.

Claim 63 (Currently Amended): An image-capturing method according to claim 50, further comprising:

~~a determining step for~~ determining whether the vehicle is in a first usage mode in which the vehicle is reversed or in a second usage mode in which the vehicle is not used; and

~~a transmission step for~~ transmitting a captured image[[; and]],

wherein

said determining step determines whether the vehicle is in the first mode or in the second mode based on the status of an engine key and the status of a transmission gear of the vehicle.

Claim 64 (Currently Amended): An image-capturing method according to claim 50,

further comprising:

~~a feature extracting step for~~ extracting a feature of an object based on the captured image;

~~an event determining step for~~ obtaining the feature extracted during said feature extracting step so as to determine whether an event has occurred based on determination parameters;

~~a display data generating step for~~ generating, when the occurrence of the event is determined during said event determining step, display data including event data for reporting the occurrence of the event; and

~~a display data transmitting step for~~ transmitting the display data.

Claim 65 (Currently Amended): An image capturing method according to claim 50, further comprising:

~~a determining step for~~ determining whether the vehicle is in a first usage mode in which the vehicle is reversed or in a second usage mode in which the vehicle is not used; [[and]]

~~a direction control step for~~ controlling the image capturing direction to be a direction in the back of the vehicle when the vehicle is in the first usage mode[[,]] ; and [[for]]

controlling the image-capturing direction to be a direction set by a direction setting means when the vehicle is in the second usage mode.

Claim 66 (Cancelled).

Claim 67 (Currently Amended): A computer-readable recording medium according to claim [[66]] 51, ~~further comprising a direction control step for~~ wherein said computer executable instructions further comprises:

controlling the image-capturing direction to be a first direction when the vehicle is in the first usage mode[[,]] ; and [[for]]

controlling the image-capturing direction to be a second direction when the vehicle is in the second usage mode, [[and]]

wherein,

when a moving object is detected, the image-capturing direction is controlled so that the object is traced.

Claim 68 (Cancelled).

Claim 69 (Currently Amended): A computer-readable recording medium according to claim 51, ~~further comprising:~~ wherein said computer executable instructions further comprises:

~~a transmission step for~~ transmitting an image; [[and]]

~~a transmission-destination setting step for~~ setting a transmission destination of the captured image to be a first display device disposed inside the vehicle when the vehicle is in a first usage mode[[,]] ; and [[for]]

setting the transmission destination to be a second display device disposed outside the vehicle when the vehicle is in a second usage mode.

Claim 70 (Currently Amended): A computer-readable recording medium according to claim 51, ~~further comprising:~~ wherein said computer-executable instructions further comprises:

~~a determining step for~~ determining whether the vehicle is in a first usage mode in which the vehicle is reversed or in a second usage mode in which the vehicle is not used; and

~~a transmission step for~~ transmitting a captured image,

wherein

said determining step determines whether the vehicle is in the first mode or in the second mode based on the status of an engine key and the status of a transmission gear of the vehicle.

Claim 71 (Currently Amended): A computer-readable recording medium according to claim 51, ~~further comprising:~~ wherein said computer-executable instructions further comprises:

~~a feature extracting step for~~ extracting a feature of an object based on the captured image;

~~an event determining step for~~ obtaining the feature extracted during said feature extracting step so as to determine whether an event has occurred based on determination parameters;

~~a display data generating step for~~ generating, when the occurrence of the event is determined during said event determining step, display data including event data for reporting the occurrence of the event; and

~~a display data transmitting step for~~ transmitting the display data.

Claim 72 (Currently Amended): A computer-readable recording medium according to claim 51, ~~further comprising: wherein said computer-executable instructions further~~ comprises:

~~a determining step for~~ determining whether the vehicle is in a first usage mode in which the vehicle is reversed or in a second usage mode in which the vehicle is not used; [[and]]

~~a direction control step for~~ controlling the image capture direction to be a direction in the back of the vehicle when the vehicle is in the first usage mode[[.]] ; and [[for]]

controlling the image-capturing direction to be a direction set by a direction setting means when the vehicle is in the second usage mode.

Claim 73 (Currently Amended): A vehicle comprising an image-capturing device, said image capturing device including:

image-capturing means installed inside the vehicle at a position to capture an image outside the vehicle through a window;

direction setting means for setting an image-capturing direction of said image-capturing means towards a building; [[and]]

a monitoring [[step]] means for monitoring the building for security of the building[[.]];

detection means for detecting an object outside the vehicle; and

power supply control means for prohibiting power supply to said image-capturing means when the object outside the vehicle is not detected by said detection means, and for allowing power supply to said image-capturing means when the object outside the vehicle is detected by said detection means.

Claim 74 (New): An image-capturing device according to claim 44 wherein:
said direction setting means sets the image capturing direction of said image capturing means in a monitor mode for monitoring a building for security of the building and
said detection means detects the object outside the vehicle through the window of the vehicle.

Claim 75 (New): An image-capturing device according to claim 47 wherein:

said direction setting means sets the image capturing direction of said image capturing means in a monitor mode for monitoring a building for security of the building and

said detection means detects the object outside the vehicle through the window of the vehicle.

Claim 76 (New): An image capturing method according to claim 50 wherein the object outside the vehicle is detected through the window of the vehicle.

Claim 77 (New): A computer-readable recording medium according to claim 51 wherein the object outside the vehicle is detected through the window of the vehicle.

Claim 78 (New): An image capturing method according to claim 61 wherein the object outside the vehicle is detected through the window of the vehicle.

Claim 79 (New): An image-capturing device comprising:
an image-capturer installed inside a vehicle at a position to capture an image outside the vehicle through a window;
a direction setter which, during use, sets an image-capturing direction of said image-capturer;
a detector which, during use, detects an object outside the vehicle; and
a power supply controller which, during use, prohibits power supply to said image-capturer when the object outside the vehicle is not detected by said detector and which allows power supply to said image-capturer when the object outside the vehicle is detected by said detector.

Claim 80 (New): An image-capturing device according to claim 79, further comprising:
a direction controller which, during use, controls the image-capturing direction of said image-capturer when the vehicle is in a first usage mode and which controls the image-capturing direction to be a direction set by said direction setter when the vehicle is in a second usage mode,
wherein,
when said detector detects a moving object, said direction controller controls the image-capturing direction of said image-capturer so that the object is traced.

Claim 81 (New): An image-capturing device comprising:
an image-capturer installed inside a vehicle at a position to capture an image outside the vehicle through a window;
a direction setter which, during use, sets an image-capturing direction of said image-capturer;
a detector which, during use, detects an object outside the vehicle;
a power supply controller; and
a battery for supplying power to said image-capturer,
wherein,
when the remaining amount of power from said battery is smaller than a reference value, said power supply controller replaces said battery with power from a battery of the vehicle to supply power.

Claim 82 (New): An image-capturing device according to claim 79, further comprising:
a transmitter which, during use, transmits an image captured by said image-capturer;
and
a transmission-destination setter which, during use, sets a transmission destination of the image captured by said image-capturer to a first display device disposed inside the vehicle when the vehicle is in a first usage mode and which sets the transmission destination to be a second display device disposed outside the vehicle when the vehicle is in a second usage mode.

Claim 83 (New): An image-capturing device according to claim 79, further comprising:
a determiner which, during use, determines whether the vehicle is in a first usage mode in which the vehicle is reversed or in a second usage mode in which the vehicle is not used; and
a transmitter which, during use, transmits an image captured by said image-capturer,
wherein
said determiner determines whether the vehicle is in the first mode or in the second mode based on the status of an engine key and the status of a transmission gear of the vehicle.

Claim 84 (New): An image-capturing device according to claim 79, further

comprising:

a feature extractor which, during use, extracts a feature of an object based on the image captured by said image-capturer;

an event determiner which, during use, obtains the feature extracted by said feature extractor so as to determine whether an event has occurred based on determination parameters;

a display-data generator which, during use, generates, when the occurrence of the event is determined by said event determiner, display data including event data for reporting the occurrence of the event; and

a display-data transmitter which, during use, transmits the display data.

Claim 85 (New): An image-capturing device according to claim 79, further comprising:

a determiner which, during use, determines whether the vehicle is in a first usage mode in which the vehicle is reversed or in a second usage mode in which the vehicle is not used; and

a direction controller which, during use, controls the image capturing direction of said image capturer to be a direction in the back of the vehicle when the vehicle is in the first usage mode and which controls the image-capturing direction to be a direction set by said direction setter when the vehicle is in the second usage mode.

Claim 86 (New): An image-capturing device according to claim 79, further comprising:

a determiner which, during use, determines whether the vehicle is in a first usage mode in which the vehicle is reversed or in a second usage mode in which the vehicle is not used; and

a direction controller which, during use, controls the image-capturing direction to be a direction in the back of the vehicle when the vehicle is in the first usage mode and which controls the image-capturing direction to be a direction set by said direction setter when the vehicle is in the second usage mode.

Claim 87 (New): An image-capturing device according to claim 79 wherein the window is a rear window.

Claim 88 (New): A vehicle comprising an image-capturing device,
said image capturing device including:
an image-capturer installed inside the vehicle at a position to capture an image outside
the vehicle through a window;
a direction setter which, in use, sets an image-capturing direction of said image-
capturer towards a building;
a monitor which, in use, monitors the building for security of the building;
a detector which, in use, detects an object outside the vehicle; and
a power supply controller which, in use, prohibits power supply to said image-
capturer when the object outside the vehicle is not detected by said detector and which allows
power supply to said image-capturer when the object outside the vehicle is detected by said
detector.

Claim 89 (New): An image-capturing method for an image-capturing apparatus
which comprises an image-capturer installed inside a vehicle at a position to capture an image
outside the vehicle through a window, said image-capturer comprising:
setting an image-capturing direction of said image-capturer towards a building;
monitoring the building for the security of the building;
detecting an object outside the vehicle;
prohibiting delivery of power when the object outside the vehicle is not detected; and
allowing delivery of power when the object outside the vehicle is detected.

Claim 90 (New): An image-capturing method according to claim 50 wherein the
window is a rear window.

Claim 91 (New): An image-capturing method according to claim 50, further
comprising:
controlling the image-capturing direction in a first direction when the vehicle is in a
first usage mode; and
controlling the image-capturing direction in a second fashion when the vehicle is in a
second usage mode,
wherein,
when a moving object is detected, the image-capturing direction is controlled so that
the object is traced.

Claim 92 (New): An image-capturing method for an image-capturing apparatus which comprises an image capturer installed inside a vehicle at a position to capture an image outside the vehicle through a window, said image-capturing method comprising:

- setting an image-capturing direction of said image-capturer towards the building;
- monitoring the building for security of the building;
- detecting an object outside the vehicle; and
- controlling the power supply,

wherein,

when the remaining amount of power from a battery supplying power for capturing images is smaller than a reference value, said battery is replaced with a battery of the vehicle to supply power.

Claim 93 (New): An image-capturing method according to claim 88, further comprising:

- transmitting an image;
- setting a transmission destination of the captured image to a first display device disposed inside the vehicle when the vehicle is in a first usage mode; and
- setting the transmission destination to be a second display device disposed outside the vehicle when the vehicle is in a second usage mode.

Claim 94 (New): An image-capturing method according to claim 88, further comprising:

- determining whether the vehicle is in a first usage mode in which the vehicle is reversed or in a second usage mode in which the vehicle is not used; and
- transmitting a captured image,

wherein

said determining step determines whether the vehicle is in the first mode or in the second mode based on the status of an engine key and the status of a transmission gear of the vehicle.

Claim 95 (New): An image-capturing method according to claim 88, further comprising:

- extracting a feature of an object based on the captured image;
- obtaining the feature extracted during said feature extracting step so as to determine

whether an event has occurred based on determination parameters;

generating, when the occurrence of the event is determined during said event determining step, display data including event data for reporting the occurrence of the event; and

transmitting the display data.

Claim 96 (New): An image capturing method according to claim 88, further comprising:

determining whether the vehicle is in a first usage mode in which the vehicle is reversed or in a second usage mode in which the vehicle is not used;

controlling the image capturing direction to be a direction in the back of the vehicle when the vehicle is in the first usage mode; and

controlling the image-capturing direction to be a direction set by a direction setting means when the vehicle is in the second usage mode.

Claim 97 (New): A computer-readable recording medium encoded with computer-executable instructions for an image-capturing device which comprises an image-capturer installed inside a vehicle for monitoring a building at a position to capture an image of the building outside the vehicle through a window is recorded, said computer executable instructions causing said image-capturing device to monitor the building, said computer executable instructions comprising:

setting an image-capturing direction of said image-capturer towards the building;

monitoring the building for security of the building;

detecting an object outside the vehicle;

prohibiting delivery of power when the object outside the vehicle is not detected; and

allowing delivery of power when the object outside the vehicle is detected.

Claim 98 (New): A computer-readable recording medium according to claim 97 wherein the window is a rear window.

Claim 99 (New): A computer-readable recording medium according to claim 97, wherein said computer executable instructions further comprises:

controlling the image-capturing direction to be a first direction when the vehicle is in the first usage mode; and

controlling the image-capturing direction to be a second direction when the vehicle is in the second usage mode,

wherein,

when a moving object is detected, the image-capturing direction is controlled so that the object is traced.

Claim 100 (New): A computer-readable recording medium according to claim 97, wherein said computer executable instructions further comprises:

transmitting an image;

setting a transmission destination of the captured image to be a first display device disposed inside the vehicle when the vehicle is in a first usage mode; and

setting the transmission destination to be a second display device disposed outside the vehicle when the vehicle is in a second usage mode.

Claim 101 (New): A computer-readable recording medium according to claim 97, wherein said computer-executable instructions further comprises:

determining whether the vehicle is in a first usage mode in which the vehicle is reversed or in a second usage mode in which the vehicle is not used; and

transmitting a captured image,

wherein

said determining step determines whether the vehicle is in the first mode or in the second mode based on the status of an engine key and the status of a transmission gear of the vehicle.

Claim 102 (New): A computer-readable recording medium according to claim 97, wherein said computer-executable instructions further comprises:

extracting a feature of an object based on the captured image;

obtaining the feature extracted during said feature extracting step so as to determine whether an event has occurred based on determination parameters;

generating, when the occurrence of the event is determined during said event determining step, display data including event data for reporting the occurrence of the event; and

transmitting the display data.

Claim 103 (New): A computer-readable recording medium according to claim 97, wherein said computer-executable instructions further comprises:

determining whether the vehicle is in a first usage mode in which the vehicle is reversed or in a second usage mode in which the vehicle is not used;

controlling the image capture direction to be a direction in the back of the vehicle when the vehicle is in the first usage mode; and

controlling the image-capturing direction to be a direction set by a direction setting means when the vehicle is in the second usage mode.

Claim 104 (New): A computer-readable recording medium according to claim 97 wherein the object outside the vehicle is detected through the window of the vehicle.